

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000372

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01W 1/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01W

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL,WPI,PAJ,INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9800736 A1 (ALKA ELECTRONIC APS), 8 January 1998 (08.01.1998), page 4, line 9 - line 36; page 9, line 29 - page 12, line 5, claims 1,2 --	1-12
X	US 5016196 A (D.A.NELSON ET AL), 14 May 1991 (14.05.1991), column 1, line 62 - column 2, line 7; column 5, line 67 - column 6, line 29 --	1-12
X	WO 03027719 A1 (VAISALA OYJ), 3 April 2003 (03.04.2003), page 4, line 30 - page 5, line 7 --	1-12

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

26 October 2004

Date of mailing of the international search report

29-10-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. + 46 8 666 02 86

Authorized officer

Gordana Ninkovic' /itw
Telephone No. + 46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 2004/000372

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03027720 A1 (VAISALA OYJ), 3 April 2003 (03.04.2003), page 3, line 8 - page 4, line 21; page 10, line 4 - page 15, line 14 --	1-12
A	US 4245499 A (VAN DY NGUYEN ET AL), 20 January 1981 (20.01.1981), column 2, line 17 - line 68 --	1-12
A	US 4747041 A (G.L.ENGEL ET AL), 24 May 1988 (24.05.1988), abstract --	1-12
A	US 4780843 A (D.L.TIETJEN), 25 October 1988 (25.10.1988), abstract --	1-12
A	US 4698748 A (D.L.JUZSWIK ET AL), 6 October 1987 (06.10.1987), abstract -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2004

International application No.

PCT/FI 2004/000372

WO	9800736	A1	08/01/1998	AU DK	3254697 A 72796 A	21/01/1998 03/01/1998
US	5016196	A	14/05/1991	NONE		
WO	03027719	A1	03/04/2003	FI	20011875 A	23/06/2003
WO	03027720	A1	03/04/2003	EP FI	1430331 A 20011876 A	23/06/2004 23/06/2003
US	4245499	A	20/01/1981	BE CH DE FR GB IT IT NL	877347 A 642171 A 2831840 A 2431692 A,B 2026178 A,B 1122200 B 7924399 D 7905515 A	15/10/1979 30/03/1984 07/02/1980 15/02/1980 30/01/1980 23/04/1986 00/00/0000 22/01/1980
US	4747041	A	24/05/1988	NONE		
US	4780843	A	25/10/1988	JP JP JP	1826715 C 5027140 B 60116018 A	28/02/1994 20/04/1993 22/06/1985
US	4698748	A	06/10/1987	CA DE EP SE ES ES JP JP JP	1229875 A 3486192 A,T 0140814 A,B 0140814 T3 536542 A 8507710 A 1781504 C 4069465 B 60143050 A	01/12/1987 09/09/1993 08/05/1985 01/10/1985 16/12/1985 13/08/1993 06/11/1992 29/07/1985